

**ANALYTIC SERIES
PRESSURE REGULATORS**

General-Purpose Brass

Brass Line Regulators



Description: These general-purpose, single-stage line regulators provide a constant pressure at the point of use. The external chrome nickel plating allows the exterior surfaces to maintain a good appearance in outdoor environments. They feature a 302 stainless steel diaphragm for excellent performance, long life, and easy maintenance.

Design Features

- Filtered Seat (10 micron)**
for added gas stream purity and extended service life.
- Convuluted Stainless Steel Diaphragms (302 SS)**
provide precise pressure control.
- Large, 2½" Nickel-Plated Brass Gauges**
for accurate, easy reading.
- Encapsulated Filtered Seat Assy**
protect parts, extend service life.
- Nickel-Plated Bar Stock Body**
provides long-lasting good looks; will not tarnish.
- Two (2) 10-32 Taps**
for rear mounting.

Specifications	
Maximum Rated Inlet Pressure	3,000 psig
Outlet Pressure Ranges	0-25, 0-50, 0-100, 0-250 psig
Flow Capacity	Cv=0.17
Ambient Operating Temperature	-40° F to +165° F
Designed Leak Rate	Bubble-Tight (helium)
Weight	3.2 lbs
Ports (4)	¼" FNPT
Inlet	¼" FNPT
Outlet	¼" FNPT
Decay Inlet Characteristic	1.8 psi/100 psi

Materials	
Body	Nickel-Plated Brass
Bonnet	Chrome Plated Die Cast
Seat	PTFE
Diaphragm	302 Stainless Steel
Gauges	2½" Nickel-Plated Brass
Filter	Nickel-Plated Bronze
Valve Stem	316 Stainless Steel
Valve Spring	18-8 Stainless Steel

Ordering Information

Product Number	Material	Max Inlet Pressure (psig)	Max Outlet Pressure (psig)	Capacity (scfh @ Max Del. Pressure)	Delivery Gauge Range (psig)
Y11-AS210A	Brass	3,000	25	500	0-30
Y11-AS210B	Brass	3,000	50	810	0-60
Y11-AS210D	Brass	3,000	100	1,350	0-200
Y11-AS210F	Brass	3,000	250	1,720	0-400

Available Options

Product Number	Description
Y99-26160	¼" MNPT x ¼" Compression Brass
Y99-216162	¼" MNPT x ⅜" Compression Brass
Y15-418984	Wall Mount Bracket